

MUNICIPAL CORPORATION OF BHILAI NIT

वार्ड क्र.-20 वैशाली नगर शासकीय कन्या शाला में मतदान केन्द्र हेतु आवश्यक संधारण कार्य।

(As Per PWD Building SOR 10.06.2026 & Electric SOR 10.06.2026)

S.N.	PARTICULERS OF ITEMS	Quantity	UOM
1	Demolishing cement concrete including disposal of material within 50 metre lead. 1:3:6 or richer mix		
		4.50	Cum
2	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement. 40 mm thick		
		144.00	Sqm
3	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.		
		200.00	Kg
4	Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.		
	110 mm dia	15.00	mtr
	150 mm dia	15.00	mtr
5	Neat Cement punning.		
		100.00	Sqm
6	Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)		
		120.00	Sqm
7	Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix:		
	In Cement Mortar 1:5 (1 cement : 5 fine sand)	120.00	Sqm
8	Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand)		
		120.00	Sqm
9	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size).		
		2.50	Cum
10	Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.		
		1	Each
11	Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)		
		2.40	Cum
12	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form . . . and finishing with cement plaster in Cement Mortar 1:3 (1 Cement : 3 coarse sand) but excluding reinforcement.		
		1.35	Cum
13	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.		
		3.24	Cum

14	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete More than 2 mm thickness to make surface even and smooth in true plumb and line and level.	120.00	Sqm
15	Providing and applying Acrylic washable Distemper or lite economy Plastic emulsion paint having VOC content less than 50gms/ lit Minimum coats up to final finish applied @ 1.25 Kg/ 10Sqm as per relevant I.S. ode 428:2000 (product such as Tractor Uno, Dulux Duval, Berger Bison, pus Style/lite economy emulsion product such as Asian Tactor Spark , ulux Pomise sheen, Neroloc Litol Master, Berger Bison Lite, Nippon Superio.) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour complete for the work.	240.00	Sqm
16	Providing and applying on exterior surface with PREMIUM Exterior emulsion paint of required shade to give protective and water proof finish minimum 3 coats applied @ 1.40 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -2 Class D , C (Glossy /Semi Glossy finish) (Product such as Asian Apex , Dulux Weather Shield Prima E900 , Berger Weathercoat Antidust , Nerolac Everlas Excel , Nippon Sumo Etra, Opus True flex) inclusive of providing abro tape on edges and articleand cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work.(With 3Year Warranty.)	240.00	Sqm
17	Providing and fixing 10 litre capacity P.V.C. low level flushing cistern conforming to IS : 7231, with all fittings and fixtures complete. White	2.00	Each
18	Providing and applying Glossy finish Enamel paint minimum 2 coats in all surface applying @ 0.75 lit/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian Apcolite Premium Enamel , Dulux Promise Premium Enamel , Nerolac Synthatic Enamel, Opus Prime enamel) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackle and labour etc. complete for the work.	100.00	Sqm
19	Providing and fixing flexible P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. 32 mm dia	2.00	Each
20	Providing and laying DOUBLE/MULTI CHARGE (minimum 2.0 mm thick layer) VITRIFIED floor tiles with water absorption less than 0.05% and conforming to IS:15622-2017 of 1st quality of approved make in all colours and shades and size mentioned below (+/- 10mm) laid on 20mm thick cement mortar 1:4 (1cement: 4 coarse sand) including grouting the joints with withe cement and matching pigments etc. complete. Size 600x600mm thickness 9 to 10mm	25.00	Sqm
WATER SUPPLY WORKS			
21	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, havingthermal stability for hot & cold water supply including all CPVC plain &brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the sameincluding testing of joints complete as per direction of Engineer in Charge.		
	15 mm nominal outer dia .Pipes.	20.00	m
	25 mm nominal outer dia .Pipes.	20.00	m
22	Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality: Bib cock (250 grams)	10.00	No

	
ASSTT.ENGINEER	SUB ENGINEER
Nagar Palik Nigam, Bhilai	Nagar Palik Nigam, Bhilai